

Appl. No. : 09/681,948
Filed : June 29, 2001

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)

2. (Currently amended) A method comprising:
analyzing an electronic file that represents an image to recognize real-life
objects within the image; and
replacing recognized real-life objects within the electronic file indicative of
the image by an indication representing the real-life object.~~A method as in claim 1,~~
wherein said replacing includes providing individual part information indicative of how a
real-life object ~~objects~~ within the image differs from a unit real-life object.

3. (Previously Amended) A method as in claim 2, wherein said individual
part information includes information about size and orientation of the actual objects
relative to said unit actual objects.

4 - 9. Cancelled

10. (Currently amended) An image analyzing device, comprising:
an image obtaining device, obtaining an electronic file indicative of an image;

Appl. No. : **09/681,948**
Filed : **June 29, 2001**

a database, storing a plurality of image parts representing likely real-life objects which may exist in the image; and

an image processing device, processing said electronic file to recognize actual said real-life objects within said electronic file that correspond to said image parts in said database, and to provide a modified electronic file, indicative of the image, which replaces said recognized real-life objects with indications representing the real life objects based on information in said database ~~An image analyzing device as in claim 9,~~ wherein said image processing device also produces additional information that represents how a recognized real-life object within the image differs from real-life objects within the database.

11. (Original) A device as in claim 10, wherein said additional information includes information about differences in size and orientation of the recognized part.

12. (Previously amended) A device as in claim 10, wherein said image processing device recognizes real-life objects in the image, and finds image parts in said database which correspond to said real-life object.

13. (Previously amended) A device as in claim 12, wherein said database also stores information indicative of other objects in said image which may appear near said real-life objects, and wherein said image processing device processes said electronic file to look for said other objects.

Appl. No. : **09/681,948**
Filed : **June 29, 2001**

14. (Original) A method, comprising:

analyzing an image against a database, to find portions of the image which are present in the database, and to replace said portions of the image which are present in the database with information based on said image in the database; and

storing a list of image portions which are not found in the database to be later used to update the database.

15. (Original) A method as in claim 14, further comprising sending said list of image portions to a database developer.

16. (Original) A method as in claim 14, wherein said analyzing comprises compressing the image using information in the database.

17. (Original) A method as in claim 15, further comprising obtaining updates to the database from the database developer.

18. (Currently Amended) A method comprising:

analyzing an electronic file that represents an image to recognize real-life objects within the image; and

replacing recognized real-life objects within the electronic file indicative of the image by an indication representing the real-life objectA method as in claim 1, wherein said real-life objects are each represented by a generic identifier that represents many

Appl. No. : **09/681,948**
Filed : **June 29, 2001**

different objects of the same type, and by individual part information other than said generic identifier representing individual characteristics of the actual object.

19. (Previously Presented) A method as in claim 18, wherein said individual part information includes information about different species associated with the generic identifier.

20. (Currently Amended) An image analyzing device, comprising:
an image obtaining device, obtaining an electronic file indicative of an image;
a database, storing a plurality of image parts representing likely real-life objects
which may exist in the image; and
an image processing device, processing said electronic file to recognize actual
said real-life objects within said electronic file that correspond to said image parts in
said database, and to provide a modified electronic file, indicative of the image, which
replaces said recognized real-life objects with indications representing the real life
objects based on information in said database ~~A device as in claim 9,~~

wherein said database stores a generic identifier for each of said actual objects, and individual characteristics for the actual objects which individualize the actual objects.

21. (Previously Presented) A device as in claim 20, wherein said individual part information includes information about different species associated with the generic identifier.